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Form 3160-3  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

5. Lease Serial No.

UTU-8344-A

6. If Indian, Allottee or Tribe Name

1a. Type of Work: ☒ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.

b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

8. Lease Name and Well No.

LOVE 1121-14N

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

9. API Well No.

43-04736670

3A. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)

(435) 781-7060

10. Field and Pool, or Exploratory

Undesignated

4. Location of Well (Report location clearly and in accordance with any State requirements\*)

At surface SESW 660' FSL 1983' FWL 625' 198X 39.855199

At proposed prod. Zone 4412501Y -109.536447

11. Sec., T., R., M., or Blk, and Survey or Area

SEC 14-T11S-R21E

14. Distance in miles and direction from nearest town or post office\*

21.8 MILES SOUTHEAST OF OURAY, UTAH

12. County or Parish

UINTAH

13. State

UT

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any)

660'

16. No. of Acres in lease

1920

17. Spacing Unit dedicated to this well

40

18. Distance from proposed\*  
location to nearest well, drilling, completed,  
applied for, on this lease, ft.REFER TO  
TOPO C

19. Proposed Depth

8500'

20. BLM/BIA Bond No. on file

CO-1203

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5772.0' GL

22. Approximate date work will start\*

UPON APPROVAL

23. Estimated duration

TO BE DETERMINED

## 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the  
SUPO shall be filed with the appropriate Forest Service Office.4. Bond to cover the operations unless covered by an existing bond on file (see  
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the  
authorized office.

25. Signature

Name (Printed/Typed)

DEBRA DOMENICI

Date

5/4/2005

Title

ASSOCIATE ENVIRONMENTAL ANALYST

Approved by (Signature)

Name (Printed/Typed)

BRADLEY G. HILL

Date

05-10-05

Title

ENVIRONMENTAL SCIENTIST III

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct  
operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Federal Approval of this  
Action Is NecessaryRECEIVED  
MAY 10 2005

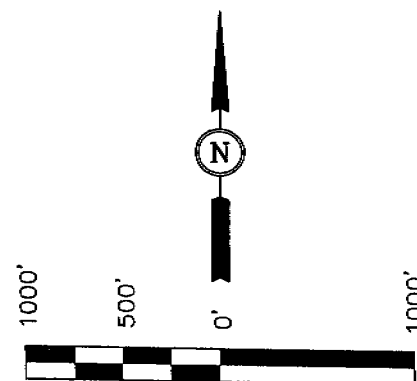
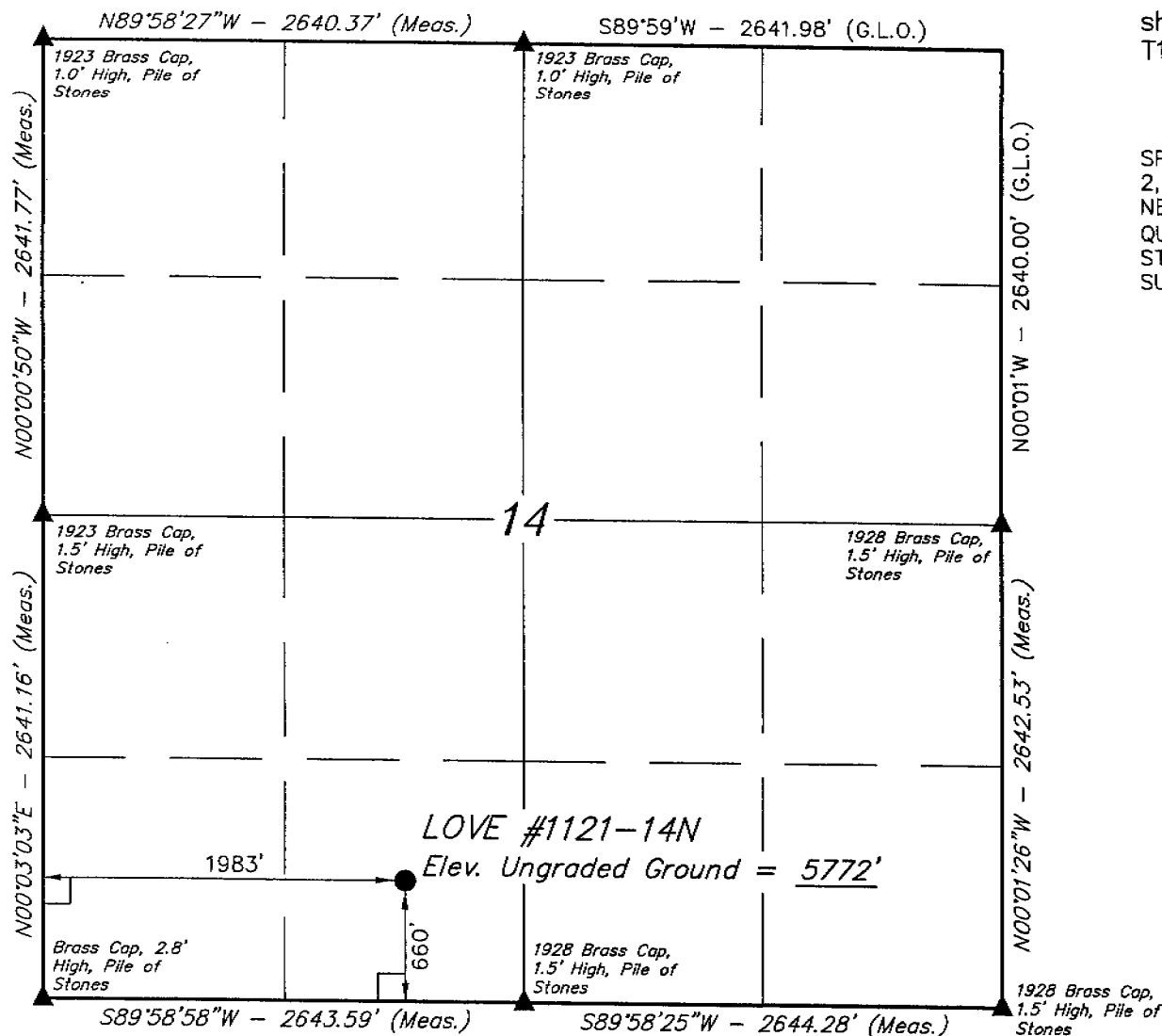
DIV. OF OIL, GAS &amp; MINING



WESTPORT OIL AND GAS COMPANY, L.P.

## BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 2, T11S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5584 FEET.






THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(AUTONOMOUS NAD 83)  
 LATITUDE = 39°51'18.66" (39.855183)  
 LONGITUDE = 109°32'13.74" (109.537150)  
 (AUTONOMOUS NAD 27)  
 LATITUDE = 39°51'18.78" (39.855217)  
 LONGITUDE = 109°32'11.27" (109.536464)

LEGEND:

-  = 90° SYMBOL  
 = PROPOSED WELL HEAD.  
 = SECTION CORNERS LOCATED.

# UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'		DATE SURVEYED: 12-22-04	DATE DRAWN: 1-7-05
PARTY G.O. B.C. K.G.		REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE WESTPORT OIL AND GAS COMPANY, L.P.		



LOVE 1121-14N  
SESW SEC 14-T11S-R21E  
UINTAH COUNTY, UTAH  
UTU-8344-A

ONSHORE ORDER NO. 1

***DRILLING PROGRAM***

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	670'
Wasatch	3870'
Mesaverde	6520'
TD	8500'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	670'
Gas	Wasatch	3870'
Gas	Mesaverde	6520'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

*Please refer to the attached Drilling Program.*

4. **Proposed Casing & Cementing Program:**

*Please refer to the attached Drilling Program.*

5. **Drilling Fluids Program:**

*Please refer to the attached Drilling Program.*

6. **Evaluation Program:**

*Please refer to the attached Drilling Program.*

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8500' TD, approximately equals 3400 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1530 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).



8. **Anticipated Starting Dates:**

*Drilling is planned to commence immediately upon approval of this application.*

9. **Variances:**

*Please refer to the attached Drilling Program.*

10. **Other Information:**

*Please refer to the attached Drilling Program.*









# Westport Oil and Gas Company, L.P.

## DRILLING PROGRAM

### CASING PROGRAM

							DESIGN FACTORS		
	SIZE	INTERVAL		WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'							
SURFACE	9-5/8"	0	to 1800	32.30	H-40	STC	2270 0.86*****	1370 1.63	254000 4.99
PRODUCTION	4-1/2"	0	to 8500	11.60	I-80	LTC	7780 2.95	6350 1.41	201000 2.34

- 1) Max Anticipated Surf. Press. (MASP) (Surface Casing) = (Pore Pressure at next csg point - (0.22 psi/ft - partial evac gradient x TVD of next csg point))
- 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft - partial evac gradient x TD)
- (Burst Assumptions: TD = 10.2 ppg) .22 psi/ft = gradient for partially evac wellbore
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing \* Buoy. Fact. of water)
- MASP 2638 psi

Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

### CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
Option 1	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE	Option 2	NOTE: If well will circulate water to surface, option 2 will be utilized					
	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,370'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	370	60%	11.00	3.38
	TAIL	5,130'	50/50 Poz/G + 10% salt + 2% gel + .1% R-3	1440	60%	14.30	1.31

\*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

\*Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

### FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

### ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

DRILLING ENGINEER:

Brad Laney

DATE:

DRILLING SUPERINTENDENT:

Randy Bayne

DATE:



LOVE 1121-14N  
SESW SEC 14-T11S-R21E  
UINTAH COUNTY, UTAH  
UTU-8344-A

ONSHORE ORDER NO. 1

*MULTI-POINT SURFACE USE & OPERATIONS PLAN*

1. **Existing Roads:**

Directions to the proposed location are attached.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. **Planned Access Roads:**

The proposed access road is approximately 270' +/- . Refer to Topo Map B.

The access road will be crowned (2 to 3%), ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free-flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing or shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. **Location of Existing Wells Within a 1-Mile Radius**

Please refer to Topo Map C.



**4. Location of Existing & Proposed Facilities**

*The following guidelines will apply if the well is productive.*

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5 Y 6/2) as determined during the on-site inspection.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Approximately 6500' of 8" pipeline is proposed. Refer to Topo Map D for the placement of the proposed pipeline.

**5. Location and Type of Water Supply:**

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec.32, T4S,R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

**6. Source of Construction Materials**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

**7. Methods of Handling Waste Materials**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.



The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of 16 mil thick and felt, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

*Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E. (Request is in lieu of filing Form 3160-5, after initial production).*

**8. Ancillary Facilities**

None are anticipated.

**9. Well Site Layout: (See Location Layout Diagram)**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.



The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **Plans for Reclamation of the Surface:**

*Producing Location:*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

*Dry Hole/Abandoned Location:*

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.



**11. Surface Ownership:**

United States of America  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078  
(435) 789-1362

**12. Wildlife Stipulations:**

There will be no construction or drilling activity May 15 through June 20 for antelope.

**13. Other Information:**

A Class III archaeological survey and a paleontological survey have been completed and the reports will be submitted separately.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

**Seed Mixture:**

Indian Ricegrass	4 lb/acre
Scarlet Globe Mallow	4 lb/acre
Shadscale	3 lb/acre
Wyoming Big Sagebrush	1 lb/acre

**14. Lessee's or Operators's Representative & Certification:**

Debra Domenici  
Associate Environmental Analyst  
Westport O&G Co.  
1368 South 1200 East  
Vernal, UT 84078  
(435) 781-7060

Randy Bayne  
Drilling Manager  
Westport O&G Co.  
1368 South 1200 East  
Vernal, UT 84078  
(435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.


The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport Oil & Gas Company is considered to be the operator of the subject well. Westport Oil & Gas Company agrees to be responsible under the terms and the conditions of the lease for the operations conducted upon leased lands.



Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by BLM Nationwide Bond #CO-1203.

I hereby certify that the proposed drill site and access route has been inspected and that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

  
Debra Domenici

May 4, 2005  
Date



WESTPORT OIL AND GAS COMPANY, L.P.  
LOVE #1121-14N  
SECTION 14, T11S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 15.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 2.0 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 270' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.8 MILES.



# WESTPORT OIL AND GAS COMPANY, L.P.

LOVE #1121-14N  
LOCATED IN UINTAH COUNTY, UTAH  
SECTION 14, T11S, R21E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964

Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

12 29 04  
MONTH DAY YEAR

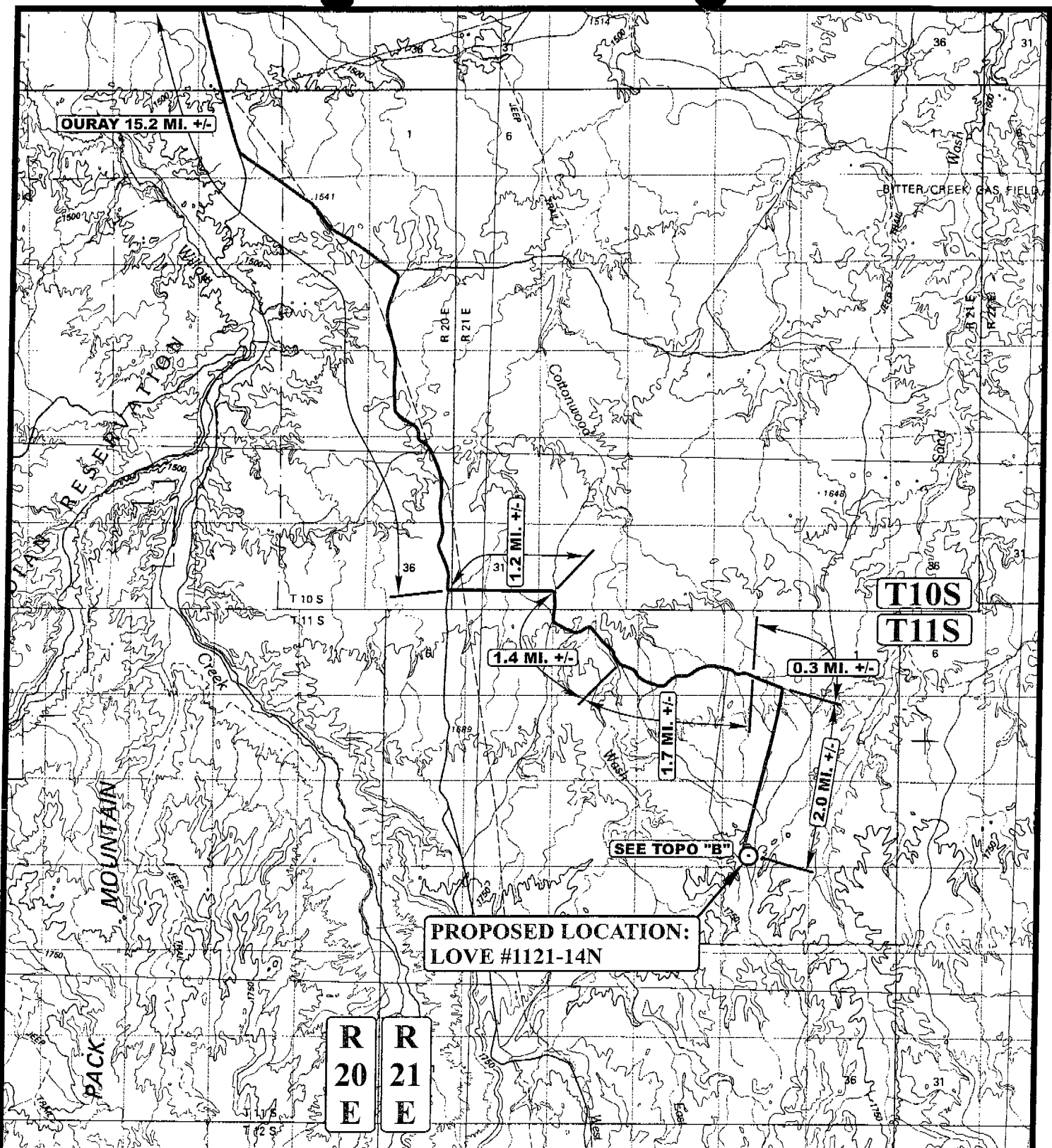
PHOTO

TAKEN BY: G.O.

DRAWN BY: C.P.

REVISED: 00-00-00





# LEGEND:

○ PROPOSED LOCATION



WESTPORT OIL AND GAS COMPANY, L.P.

LOVE #1121-14N

SECTION 14, T11S, R21E, S.L.B.&M.

660' FSL 1983' FWL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

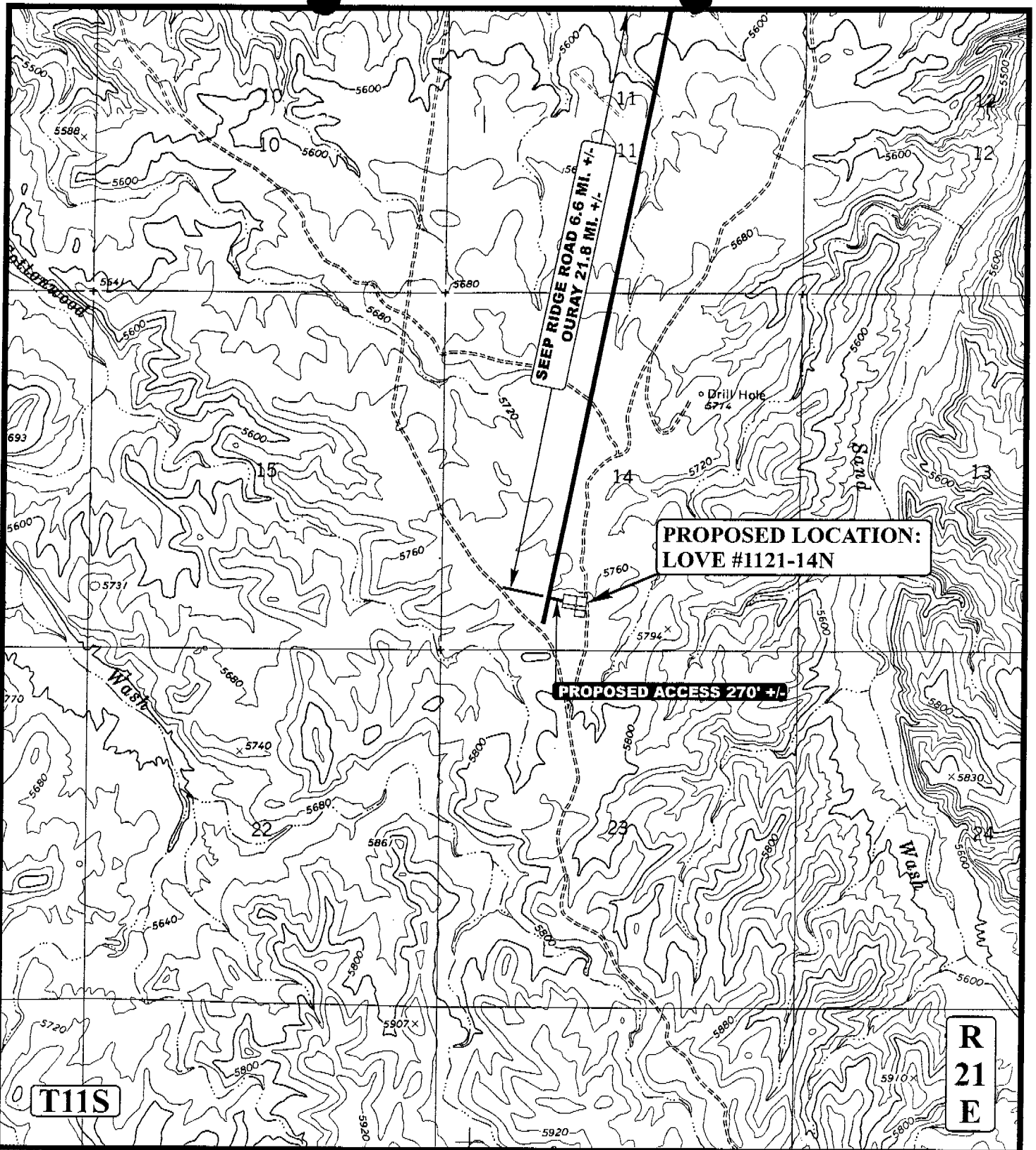
TOPOGRAPHIC  
MAP

12 29 04  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00







**LEGEND:**

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD

**U&L** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

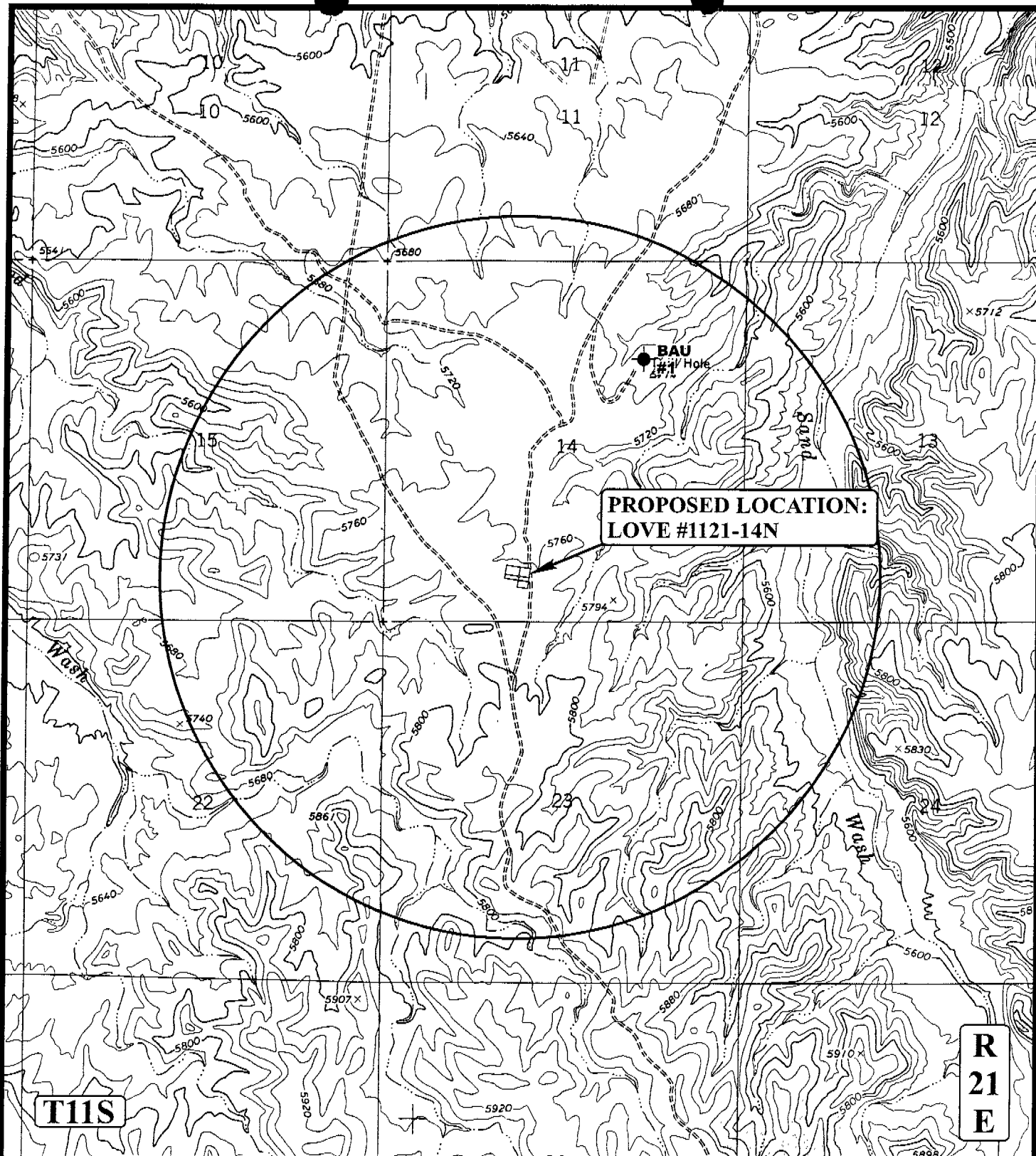


**WESTPORT OIL AND GAS COMPANY, L.P.**  
**LOVE #1121-14N**  
**SECTION 14, T11S, R21E, S.L.B.&M.**  
**660' FSL 1983' FWL**

<b>TOPOGRAPHIC</b> <b>MAP</b>	<b>12</b>	<b>29</b>	<b>04</b>
	MONTH	DAY	YEAR
SCALE: 1" = 2000'	DRAWN BY: C.P.		REVISED: 00-00-00

**B**  
**TOPO**





# **LEGEND:**

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



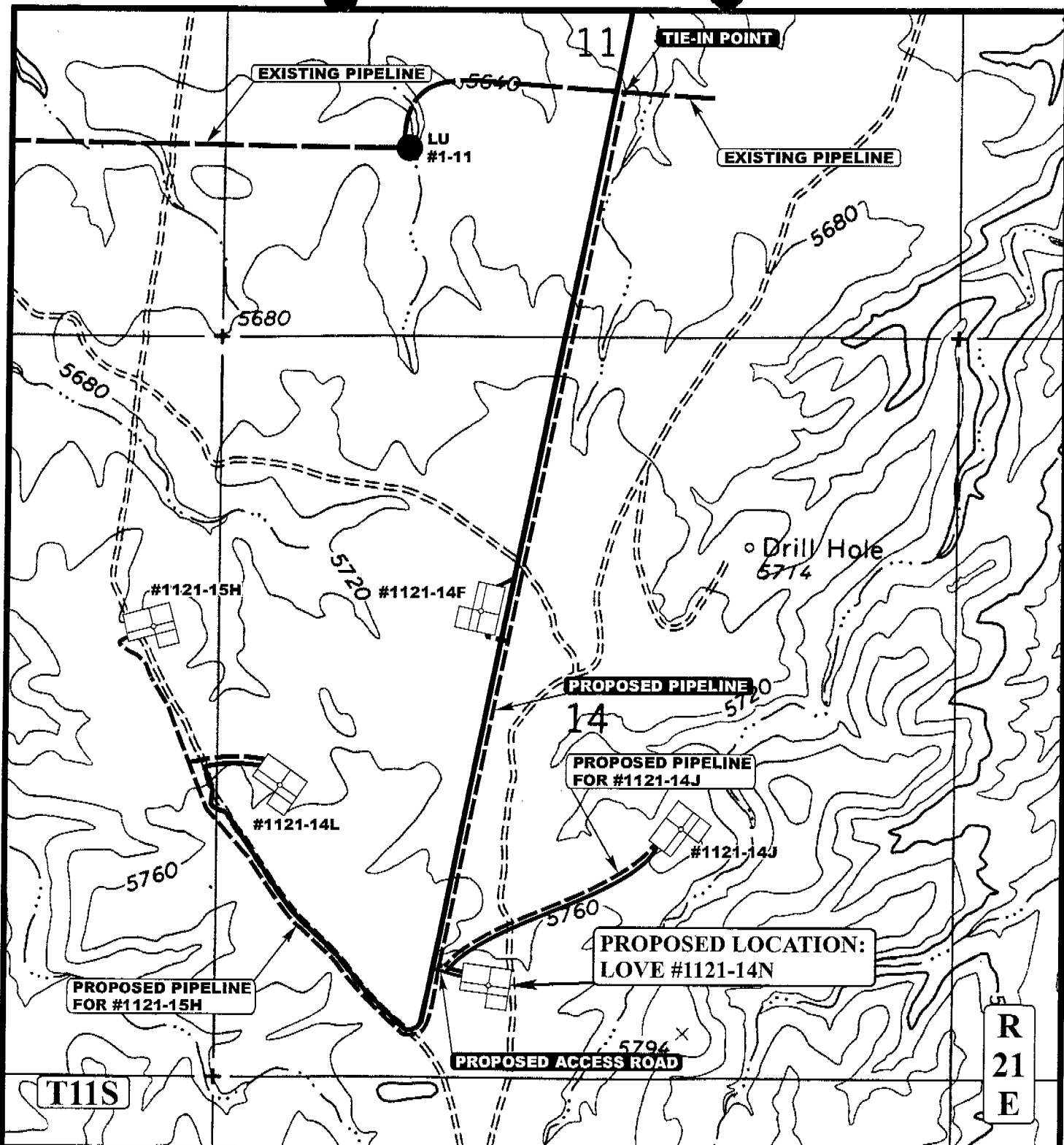
**WESTPORT OIL AND GAS COMPANY, L.P.**

**LOVE #1121-14N**  
**SECTION 14, T11S, R21E, S.L.B.&M.**  
**660' FSL 1983' FWL**

**TOPOGRAPHIC** 12 29 04  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00







APPROXIMATE TOTAL PIPELINE DISTANCE = 6,500' +/-

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE



**WESTPORT OIL AND GAS COMPANY, L.P.**

**LOVE #1121-14N**  
**SECTION 14, T11S, R21E, S.L.B.&M.**  
**660' FSL 1983' FWL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC** 12 29 04  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 02-14-05





# WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #1

## LOCATION LAYOUT FOR

LOVE #1121-14N

SECTION 14, T11S, R21E, S.L.B.&M.

C-2.4' 660' FSL 1983' FWL  
El. 74.4'

Proposed Access Road

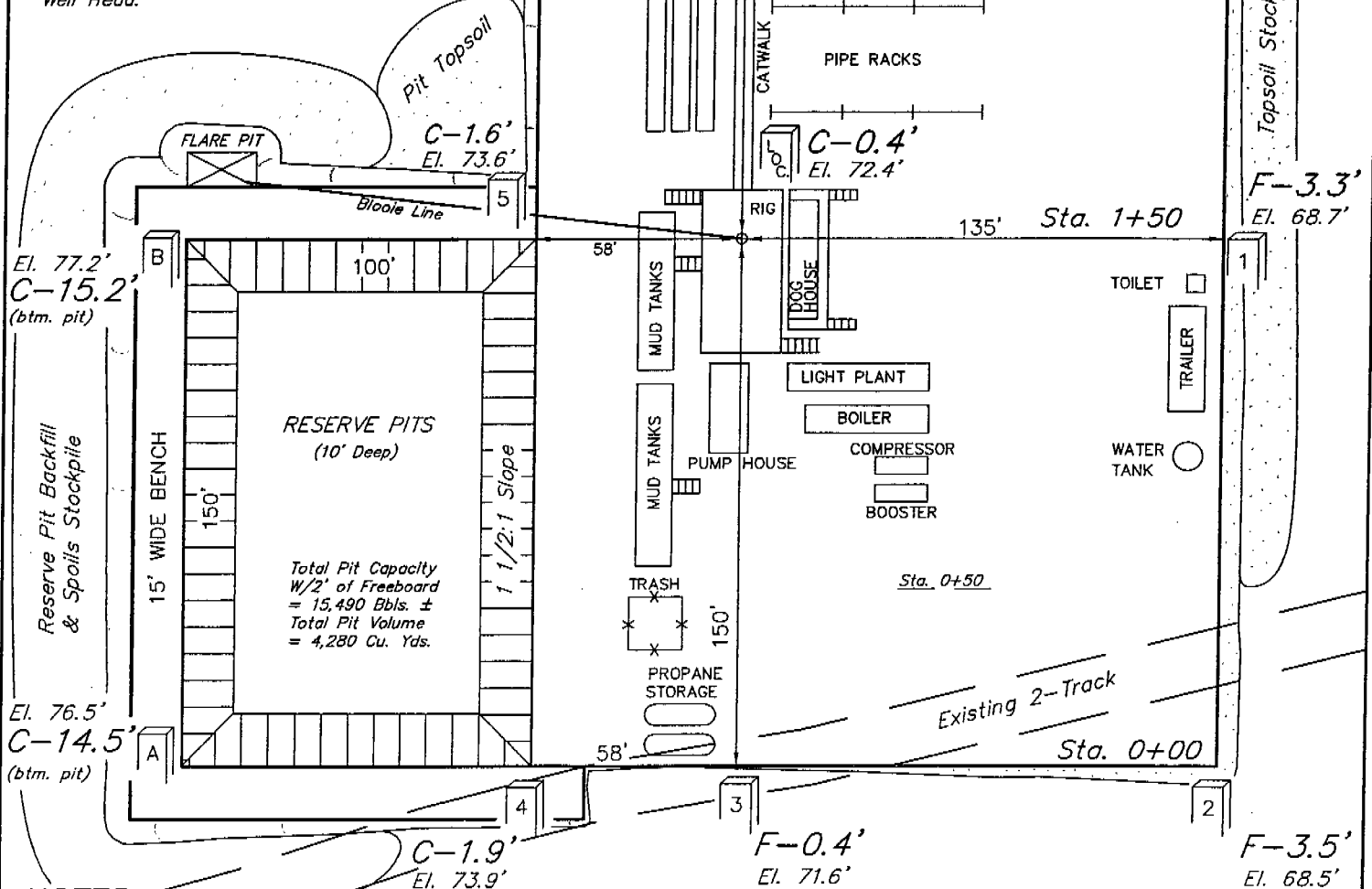
Proposed Access Road for the #1121-14J

F-5.2' El. 66.8'

SCALE: 1" = 50'  
DATE: 1-7-05  
Drawn By: K.G.

### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



### NOTES:

Elev. Ungraded Ground At Loc. Stake = 5772.4'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5772.0'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



# WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #2

## TYPICAL CROSS SECTIONS FOR

LOVE #1121-14N

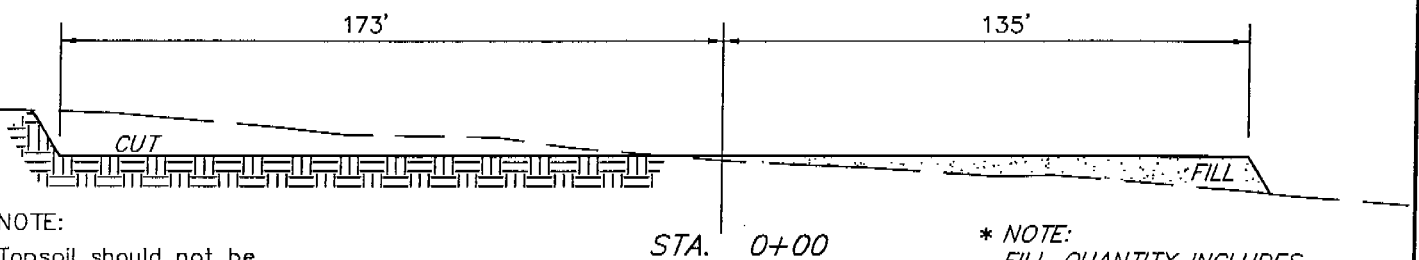
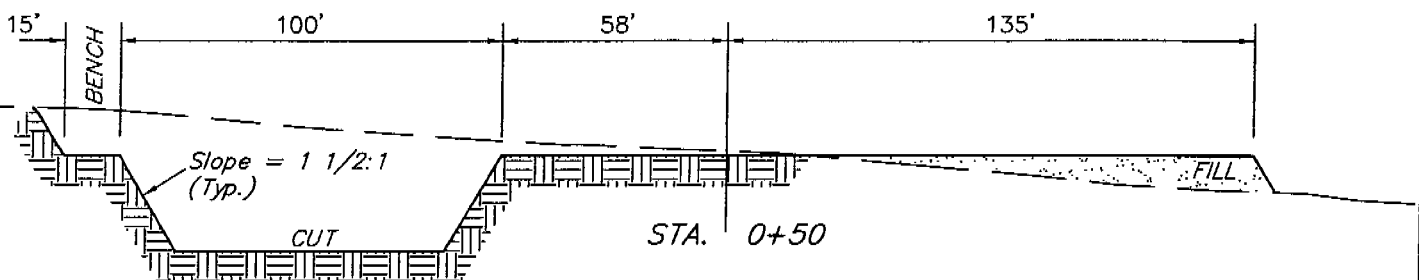
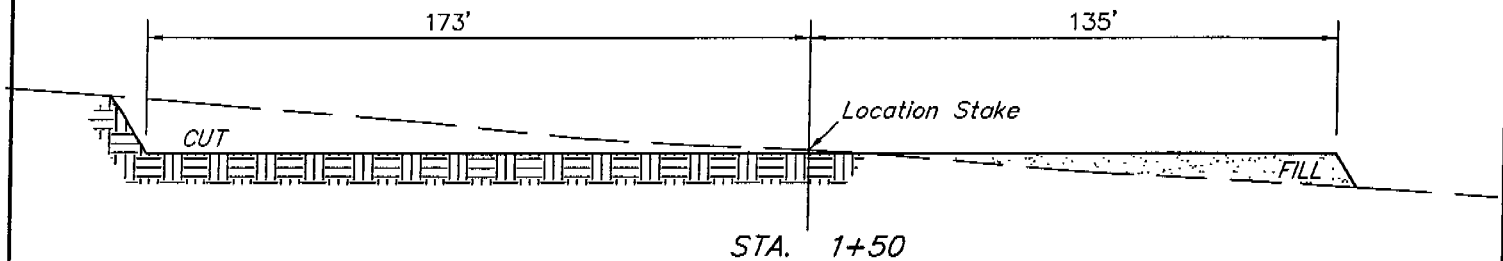
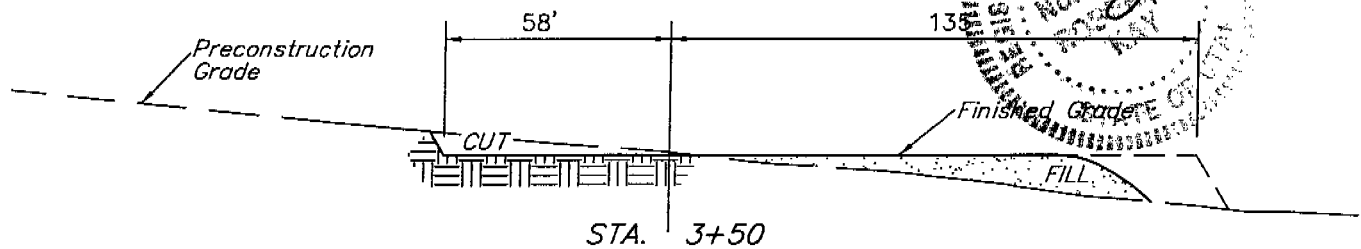
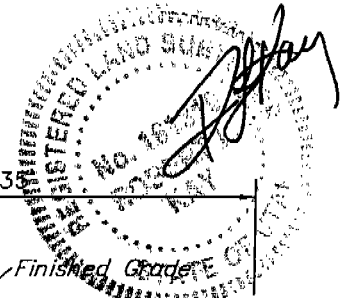
SECTION 14, T11S, R21E, S.L.B.&M.

660' FSL 1983' FWL

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 1-7-05

Drawn By: K.G.



### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

### \* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

### APPROXIMATE YARDAGES

#### CUT

(6") Topsoil Stripping = 1,800 Cu. Yds.

Remaining Location = 7,380 Cu. Yds.

TOTAL CUT = 9,180 CU.YDS.

FILL = 3,710 CU.YDS.

EXCESS MATERIAL = 5,470 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,940 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 1,530 Cu. Yds.

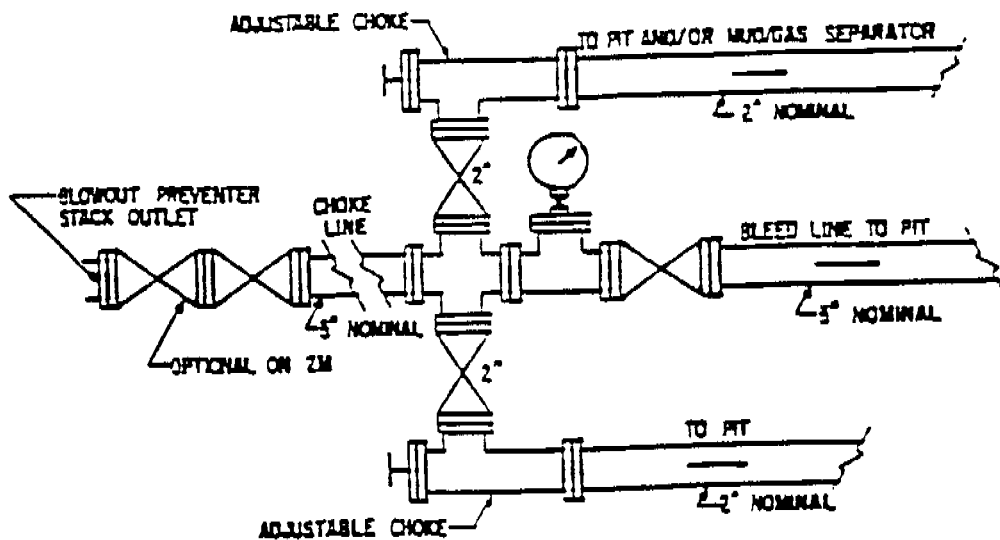
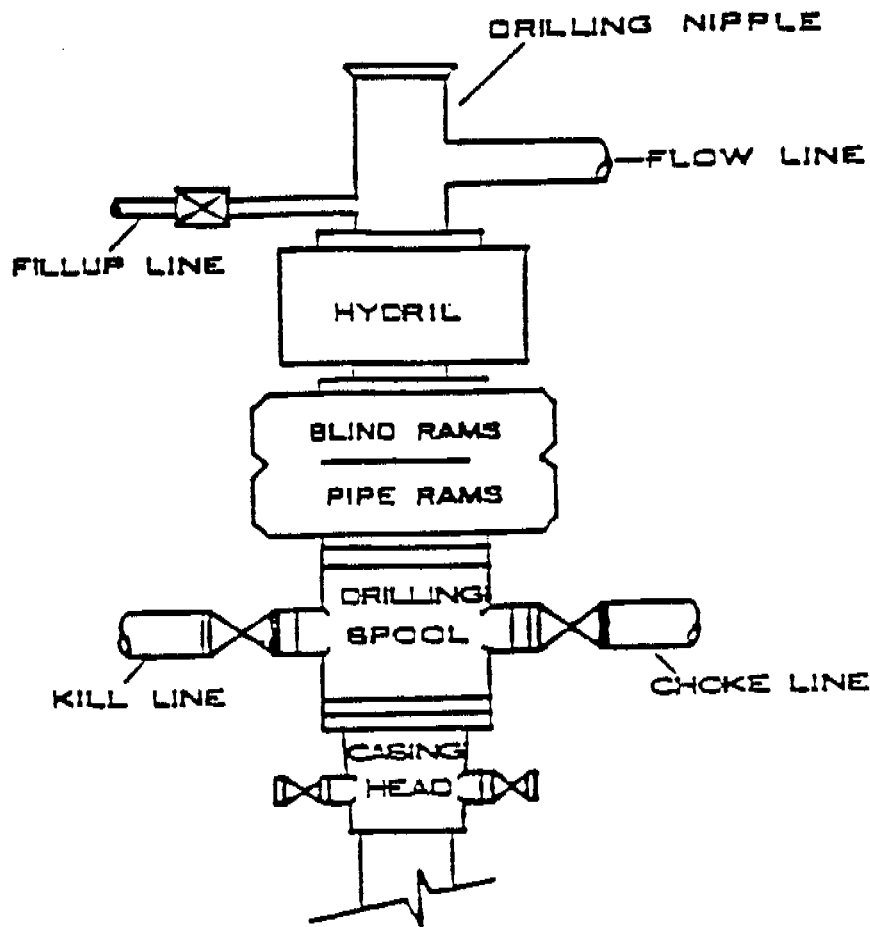
UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



3,000 PSI

## BOF STACK





003

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/10/2005

API NO. ASSIGNED: 43-047-36670

WELL NAME: LOVE 1121-14N

OPERATOR: WESTPORT OIL &amp; GAS CO ( N2115 )

CONTACT: DEBRA DOMENICI

PHONE NUMBER: 435-781-7060

## PROPOSED LOCATION:

SESW 14 110S 210E

SURFACE: 0660 FSL 1983 FWL

BOTTOM: 0660 FSL 1983 FWL

UINTAH

UNDESIGNATED ( 2 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-8344-A

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.85520

LONGITUDE: -109.5365

## RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. CO-1203 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-8496 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

\_\_\_ R649-2-3.  
Unit \_\_\_\_\_  
☒ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
\_\_\_ R649-3-3. Exception  
\_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_  
\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

1- Federal Approval  
2- Spacing Strip







**State of Utah****Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

May 10, 2005

Westport Oil & Gas Company LP  
1368 South 1200 East  
Vernal, UT 84078

Re: Love 1121-14N Well, 660' FSL, 1983' FWL, SE SW, Sec. 14, T. 11 South,  
R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36670.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt  
Acting Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office



**Operator:** Westport Oil & Gas Company LP  
**Well Name & Number** Love 1121-14N  
**API Number:** 43-047-36670  
**Lease:** UTU-8344-A

**Location:** SE SW                      **Sec.** 14                      **T.** 11 South                      **R.** 21 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

**5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT


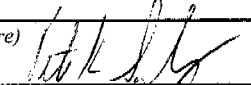
APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-8344-A	
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		7. If Unit or CA Agreement, Name and No.	
3A. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078		8. Lease Name and Well No. LOVE 1121-14N	
3b. Phone No. (include area code) (435) 781-7060		9. API Well No.	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SESW 660' FSL 1983' FWL At proposed prod. Zone 21.8 MILES SOUTHEAST OF OURAY, UTAH MAY - 5 2005		10. Field and Pool, or Exploratory	
11. Sec., T., R., M., or Blk. and Survey or Area SEC 14-T11S-R21E		12. County or Parish UINTAH	
13. State UT		14. Distance in miles and direction from nearest town or post office* 21.8 MILES SOUTHEAST OF OURAY, UTAH	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660'		16. No. of Acres in lease 1920	
17. Spacing Unit dedicated to this well 40		18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	
19. Proposed Depth 8500'		20. BLM/BIA Bond No. on file CO-1203	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5772.0' GL		22. Approximate date work will start* UPON APPROVAL	
23. Estimated duration TO BE DETERMINED		24. Attachments	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |   |   |
|---|---|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).   |
| 2. A Drilling Plan.   | 5. Operator certification.  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) DEBRA DOMENICI	Date 5/4/2005
Title ASSOCIATE ENVIRONMENTAL ANALYST		
Approved by (Signature) 	Name (Printed/Typed) PETER K. SOUTHWICK	Date NOV 8 2005
Title ACTIVE Assistant Field Manager Mineral Resources VIRGIL FIELD OFFICE		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

NOV 21 2005

DIV. OF OIL, GAS & MINING





UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Westport Oil & Gas Co Location: SESW Sec 14, T11S, R21E  
Well No: Love 1121-14N Lease No: UTU-8344-A

Petroleum Engineer: Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer: Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician: Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
BLM FAX Machine	435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

***Downhole Conditions of Approval***

**All provisions outlined in Onshore Oil and Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

1. Surface casing shoe integrity test shall be performed.

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.



3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**

4. Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.

All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil and Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.

BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil and Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
6. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.
7. Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR '3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil and Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.



In accordance with 43 CFR ' 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Worland Field Office.

**Please submit an electronic copy of all logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).**

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

10. Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
11. A schematic facilities diagram as required by Onshore Oil and Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil and Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil and Gas Order No. 3.
12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:



- a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (1/4, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
13. Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
15. Pursuant to Onshore Oil and Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method should be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.



Company/Operator: Westport Oil and Gas  
Well Name & Number Love 1121-14N  
Lease Number: UTU8344A  
Location: SWNE Sec.14, T11S, R21E

API Number: 43-047-36670  
Surface Ownership: BLM  
Date NOS Received: 1/31/05  
Date APD Received: 5/5/05

- If any paleontological or cultural materials are encountered, stop work immediately and report the find to this office.
- Paint all facilities Fuller O'Brian color Carlsbad Canyon (2.5Y 6/2). Any paint brand may be used provided the colors match.
- No drilling or construction would be allowed between May 15<sup>th</sup> through June 20<sup>th</sup> to protect pronghorn during kidding season.
- The interim seed mix for this location shall be:

Western Wheatgrass	<i>Agropyron smithii</i>	4lbs. /acre
Indian Ricegrass	<i>Achnatherum hymenoides</i>	4lbs. /acre
Crested Wheatgrass	<i>Agropyron cristatum</i>	4lbs. /acre

  - All pounds are in pure live seed.
  - Reseeding may be required if first seeding is not successful.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Workover rig activity will be limited during the Sage grouse timing restriction (March 15 through June 15) to 2 hours after sunrise and 2 hours prior to sunset.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding should take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the resspreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

5. Lease Serial No.

UTU-8344-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

LOVE 1121-14N

9. API Well No.

43-047-36670

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH, UTAH

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)

435-781-7060

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SESW SEC 14-T11S-R21E

660' FSL 1983' FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	INTERIM SURFACE
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	RECLAMATION PLAN

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

WHEN THE PIT IS BACKFILLED, WITHIN 180 DAYS OF WELL COMPLETION, OPERATOR SHALL SPREAD THE TOPSOIL PILE ON THE LOCATION UP TO THE RIG ANCHOR POINTS. THE LOCATION WILL BE RESHAPED TO THE ORIGINAL CONTOUR TO THE EXTENT POSSIBLE. OPERATOR WILL RESEED THE AREA USING THE BLM RECOMMENDED SEED MIXTURE AND RECLAMATION METHODS.

COPY SENT TO OPERATOR

Date: 12-1-05  
Initials: CHD

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

DEBRA DOMENICI

Title

ASSOCIATE ENVIRONMENTAL ANALYST

Signature

Date

November 11, 2005

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Accepted by the  
Utah Division of

Date

Federal Approval Of This  
Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Oil, Gas and Mining

Date

11/30/05

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

NOV 30 2005

DIV. OF OIL, GAS & MINING



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

RECEIVED

APR 17 2006

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
KERR-MCGEE OIL & GAS ONSHORE LP

3a. Address 3b. Phone No. (include area code)  
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078 (435)781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
660' FSL 1983' FWL  
SESW, SEC 14-T11S-R21E

5. Lease Serial No.

UTU-8344-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

LOVE 1121-14N

9. API Well No.

4304736670

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other APD EXTENSION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	DOGM
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR AN ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION. SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS & MINING ON MAY 10, 2004

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

RAMEY HOOPES

Title

REGULATORY CLERK

Signature

Date

April 12, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

MAY - 2 2006

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Office

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(Instructions on reverse)

UDOGM

MAY 08 2006



Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ  
 2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078

Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078

Phone: 1-(435) 781-7024

**CA No.**

**Unit:**

WELL NAME

SEC TWN RNG

API NO

ENTITY  
NO

LEASE  
TYPE

WELL  
TYPE

WELL  
STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
7. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
8. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 5/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
3. Bond information entered in RBDMS on: 5/15/2006
4. Fee/State wells attached to bond in RBDMS on: 5/16/2006
5. Injection Projects to new operator in RBDMS on: \_\_\_\_\_
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: RLB0005239
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
 The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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(Instructions on reverse)



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

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7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other CHANGE OF  
OPERATOR

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EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

*Brad Laney*

Title

Date

5-9-06

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Office

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## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.



Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127





# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

U.S. DEPT. OF THE INTERIOR



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

UTU-8344-A

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8. Well Name and No.

LOVE 1121-14N

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4304736670

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH, UTAH

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☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

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3a. Address

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3b. Phone No. (include area code)

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660' FSL 1983' FWL

SESW, SEC 14-T11S-R21E

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<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
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Approved by the  
Utah Division of  
Oil, Gas and Mining

RECEIVED

Date: 05-15-06  
By: [Signature]

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

RAMEY HOOPES

Title

REGULATORY CLERK

Date

April 12, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304736670  
Well Name: LOVE 1121-14N  
Location: SESW, SEC 14-T11S-R21E  
Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP  
Date Original Permit Issued: 5/10/2004

5  
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

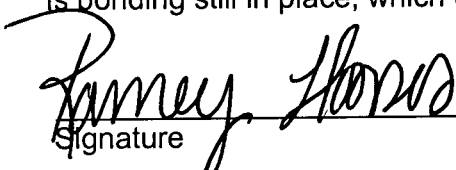
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

4/12/2006

Date

Title: REGULATORY CLERK

Representing: KERR MCGEE OIL AND GAS ONSHORE L

RECEIVED  
DIV. OF OIL, GAS & MINING



## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: KERR-MCGEE OIL & GAS ONSHORE LP

Well Name: LOVE 1121-14N

Api No: 43-047-36670 Lease Type: FEDERAL

Section 14 Township 11S Range 21E County UINTAH

Drilling Contractor PETE MARTIN'S RIG # BUCKET

### **SPUDDED:**

Date 07/02/06

Time 10:00 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by LOU WELDON

Telephone # (435) 828-7035

Date 07/05/2006 Signed CHD



RECEIVED

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

JUL 05 2006

OPERATOR KERR-MCGEE OIL & GAS ONSHORE LP  
ADDRESS 1368 SOUTH 1200 EAST  
VERNAL, UTAH 84078

OPERATOR ACCT. NO. N N2995

DIV. OF OIL, GAS & MINING

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15478	4304736670	LOVE 1121-14N	SESW	14	11S	21E	UINTAH	7/2/2006	7/6/06

WELL 1 COMMENTS:  
MIRU BUCKET RIG SPUD WELL @ 1000 HRS 7/2/06 WSMVD  
SET 40' 14" SCHEDULE 10 PIPE  
BLM & STATE NOTIFIED OF SPUD

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 2 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 3 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 4 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well or
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another
- D - Re-assign well from one existing entity to a new
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code is used (3/89)

Post-It® Fax Note 7671

To: ERIC RUSSELL	From: RIMMEL THOMPES
Co./Dept: UDOGM	Co: KERR-MCGEE
Phone: (801) 538-5336	Phone: (435) 781-7003
Fax: (801) 359-3940	Fax: (435) 781-7094

*Rimmi Thompson*  
Signature

REGULATORY CLERK 07/05/06  
Title Date

Phone No. 435-781-7003

JUL-05-2006 WED 10:34 AM EL PASO PRODUCTION

FAX NO. 4357817094

P. 01



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

UTU-8344-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

LOVE 1121-14N

9. API Well No.

4304736670

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

UINTAH COUNTY, UTAH

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SESW SECTION 14, T11S, R21E 660'FSL, 1983'FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other SET SURFACE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	CSG
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU BILL MARTIN AIR RIG ON 07/03/2006. DRILLED 12 1/4" SURFACE HOLE TO 2290'. RAN 9 5/8" 32.3# H-40 SURFACE CSG. LEAD CMT W/200 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD, TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS TO PIT. RAN 200' OF 1" PIPE. CMT W/125 SX CLASS G @15.8 PPG NOT CMT TO SURFACE. 2ND TOP OUT W/125 SX CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSID NO CMT TO SURFACE. 3RD TOP OUT W/225 SX CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE CMT TO SL FELL BACK. 4TH TOP OUT W/100 SX CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE. CMT TO SURFACE HC STAYED FULL. WORT.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sheila Upchego

Signature

Title

Regulatory Analyst

Date

July 10, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

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5. Lease Serial No.

UTU-8344-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**LOVE 1121-14N**

9. API Well No.

4304736670

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

UINTAH COUNTY, UTAH

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

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SESW SECTION 14, T11S, R21E 660'FSL, 1983'FWL

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>PRODUCTION START-UP</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PROUDCTION ON 08/28/2006 AT 9:40 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sheila Upchego

Title

Regulatory Analyst

Signature

Date

August 31, 2006

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

SEP 05 2006

UNITED STATES DEPARTMENT OF THE INTERIOR



# KERR MCGEE OIL & GAS ONSHORE, LP

## CHRONOLOGICAL HISTORY

### LOVE 1121-14N

	SPUD Air Rig	Surface Casing	Activity	Status
06/22/06			Build Location, 5% complete	Pioneer53
06/23/06			Build Location, 20% complete	Pioneer53
06/26/06			Build Location, 30% complete	Pioneer53
06/27/06			Build Location, 40% complete	Pioneer53
06/28/06			Build Location, 40% complete	Pioneer53
06/29/06			Build Location, 50% complete	Pioneer53
06/30/06			Build Location, 90% complete	Pioneer53
07/05/06			Build Location, Location Complete WOBR	Pioneer53
07/07/06	7/2/06 7/3/06		Set Spud Conductor Air Rig Spud, DRLG	Pioneer53
07/07/06	7/3/06	9 5/8" @ 2280'	WORT	Pioneer53
07/27/06	TD: 2290'	Csg. 9 5/8" @ 2281'	MW: 8.4 SD: 7/XX/06 DSS: 0 RDRT on Love 1121-16B. Move 50% of rig to 1121-14N. Moving rig @ report time.	
07/28/06	TD: 2290'	Csg. 9 5/8" @ 2281'	MW: 8.4 SD: 7/XX/06 DSS: 0 Continue rig move. 100% moved and 60% rigged up @ report time.	
07/31/06	TD: 2290'	Csg. 9 5/8" @ 2281'	MW: 8.4 SD: 7/31/06 DSS: 0 RURT. NU and test BOPE. PU BHA and DP. Repair SCR. Tag cement and drill cement and FE. Change out swivel packing. Drill from 2314'-2394'. DA @ report time.	
08/01/06	TD: 3785'	Csg. 9 5/8" @ 2281'	MW: 8.4 SD: 7/31/06 DSS: 2 Drill from 2394'-3375'. POOH and retrieve DP screen. Drill to 3785'. DA @ report time.	
08/02/06	TD: 5040'	Csg. 9 5/8" @ 2281'	MW: 9.0 SD: 7/31/06 DSS: 3 Drill from 3785'-4166'. Work on SCR. Drill to 5040'. DA @ report time.	
08/03/06	TD: 5653'	Csg. 9 5/8" @ 2281'	MW: 9.1 SD: 7/31/06 DSS: 4 Drill from 5040'-5653'. TFNB. TIH @ report time.	
08/04/06	TD: 6760'	Csg. 9 5/8" @ 2281'	MW: 9.4 SD: 7/31/06 DSS: 5 Finish TIH. Drill from 5653'-6760'. DA @ report time.	



08/07/06 TD: 8570' Csg. 9 5/8" @ 2281' MW: 11.1 SD: 7/31/06 DSS: 8  
Drill from 6760'-8047'. TFNB. Drill to 8570' TD. CCH and short trip 15 stds. CCH for logs. POOH and run Triple Combo @ report time.

08/08/06 TD: 8570' Csg. 9 5/8" @ 2281' MW: 11.8 SD: 7/31/06 DSS: 9  
Run Triple Combo. TIH and CCH for casing. Lay down drill string. Run 4 1/2" Production Casing @ report time.

08/09/06 TD: 8570' Csg. 9 5/8" @ 2281' MW: 11.8 SD: 7/31/06 DSS: 9  
Run and cement 4 1/2" Production Casing set @ 8570'. Set slips, ND BOPE and release rig @ 2000 hrs 8/8/06. RDRT and prepare to move to Love 1121-15H this am.

08/21/06 PROG: ROAD RIG IN TO LOC, SPOT EQUIP. RIG UP. NIPPLE UP BOP. TALLY & PICK UP 2,3/8 TBG PICK UP 236 JTS SDFN

08/22/06 PROG: POOH W/ 2,3/8 TBG TEST CSG & FRAC VALVES TO 7500# PSI GOOD TEST . MIRU CUTTERS PERF @ 7893'-96' 7997'-02' 8093'-98' 4 SPF NO BLOW SDFN

08/23/06 PROG: MIRU SCHLUMBERGER & CUTTERS FRAC  
STAGE #1 BRK PERF @ 3329# INJ RT 51.1 BPM INJ PSI 5330# ISIP 2500# FG .75  
FRACSCREEN OUT16 BBL SHORT OF FLUSH 13000# SHORT ON SAND W/ 140527#  
20/40 AND 1302 BBL YF120ST+ FLUID MP 8000# MR 53.5 BPM AP 5199# AR 43.5 BPM  
ISIP 8000# 139700# SAND IN ZONE 8000# IN CSG OPEN WELL FLOW BACK SAND  
FLUSH W/ 122 BBL  
  
STAGE #2 RIH SET 8K CBP @7757' PERF @ 7473'-75' 7546'-49' 7650'-53' 7725'-7727' 4 SPF  
BRK PERF @ 3822# INJ RT 41 BPM INJ PSI 4500# ISIP 2300# FG .74 FRAC W/ 136800#  
20/40 SAND + 1088 BBL OF YF118ST+ FLUID MP 5315# MR 41.9 BP AP 4160 # AP 39.7  
BPM ISIP 2450# FG .76 NPI 150#  
  
STAGE #3 RIH SET 8K CBP @ 7194' PERF @ 7157'-64' 4 SPD BRK PERF @ 3159# INJ RT  
9.9 BPM INJ PSI 3550# ISIP 1800# FG .69 FRAC W/ 27500# 20/40 SAND + 313 BBL OF  
YF118ST+ FLUID MP 3827# MP 3827# MR 19.9 BPM AP 3218# AR 18.8 BPM ISIP 3050# FG  
.86 NPI 1250#  
  
STAGE # 4 RIH SET 8K CBP @6264' PERF @ 6072'-75' 6155'-58' 6230'-34' 4 SPF BRK PERF  
@ 3959# INJ RT 40 BPM INJ PSI 4000# ISIP 1450# FG .67 FRAC W/ 207227# 20/40 SAND +  
1554 BBL OF YF118ST+ FLUID MP 4707# MR 40.3 BPM AP 3007# AR 38.1 BPM ISIP 2900#  
FG .91 NPI 1450#  
  
STAGE #5 RIH SET 8K CBP @ 5584' PERF @ 5548'-54' 4 SPF BRK PERF @ 3061# INJ T19.7  
BPM INJ PSI 2950# ISIP 1000# FG.62 FRAC W/ 80200# 20/40 SAND + 697 BBL OF F118ST+

08/24/06 PROG: NIPPLE UP BOP RIH W/ POBS BIT TAG @ 5400' RIG UP DRILG EQUIP DRILL  
OUT CBP @ 5400' 200# KICK RIH TAG 5554' 30' SAND ON PLUG DRILL OUT SAND &  
CPB @5584' 400# KICK RIH TAG @ 6234' 30' SAND ON CBP DRILL OUT SAND & CBP @  
6264' 300# KICK RIH TAG @ 7164' 30' SAND ON CBP DRILL OUT SAND & CBP @ 7194'  
600# KICK RIH TAG @ 7727' 30' SAND ON CBP DRILL OUT SAND & CBP @ 7757' 200#  
KICK CLEAN OUT TO PB @ 8500' POOH & LAY 38 JTS 2,3/8 LAND ON WELL HEAD  
W/231 JTS 2,3/8 J-55 TBG EOT 7310' NIPPLE DOWN BOP NIPPLE UP TREE PUMP OFF  
BIT TRUN WELL TO FLOW BACK CREW SDFN

TBG DETAIL  
KB

24.00



HANGER	1.00
231 JTS 2,3/8 J-55	7283.16
F-NIPPLE	2.13
EOT	7310.29
RETURN TO YARD      74 JTS	

WELL ON FLOWBACK, FLOWBACK REPORT: CP: 450#, TP: 175#, OPEN CHK, 50 BWPH, 19 HRS, SD: TRACE, TTL BBLS FLWD: 1085 BBLS, TODAYS LTR: 4000 BBLS, LOAD REC TODAY: 1085 BBLS, REMAINING LTR: 2915 BBLS, TOTAL LOAD REC TO DATE: 1085 BBLS.

**08/25/06**

PROG: 08/28/06 WELL ON FLOWBACK, FLOWBACK REPORT: CP: 1590#, TP: 1000#, 20/64 CHK, 10 BWPH, 24 HRS, SD: CLEAN, TTL BBLS FLWD: 290 BBLS, TODAYS LTR: 1690 BBLS, LOAD REC TODAY: 290 BBLS, REMAINING LTR: 1400 BBLS, TOTAL LOAD REC TO DATE: 2600 BBLS.

08/27/06 WELL ON FLOWBACK, FLOWBACK REPORT: CP: 1600#, TP: 1000#, 20/64 CHK, 15 BWPH, 24 HRS, SD: TRACE, TTL BBLS FLWD: 418 BBLS, TODAYS LTR: 2108 BBLS, LOAD REC TODAY: 418 BBLS, REMAINING LTR: 1690 BBLS, TOTAL LOAD REC TO DATE: 2310 BBLS.

08/26/06 WELL ON FLOWBACK, FLOWBACK REPORT: CP: 1750#, TP: 950#, 20/64 CHK, 25 BWPH, 24 HRS, SD: TRACE, TTL BBLS FLWD: 807 BBLS, TODAYS LTR: 2915 BBLS, LOAD REC TODAY: 807 BBLS, REMAINING LTR: 2108 BBLS, TOTAL LOAD REC TO DATE: 1892 BBLS.

**08/30/06**

**ON SALES**

08/28/06: 1008 MCF, 0 BC, 290 BW, TP: 1032#, CP: 1425#, 19/64 CHK, 17 HRS, LP: 530#.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

5. Lease Serial No.

UTU-8344-A

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other  
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator

KERR McGEE OIL & GAS ONSHORE LP

8. Lease Name and Well No.

LOVE 1121-14N

3. Address

1368 SOUTH 1200 EAST VERNAL, UTAH 84078

3a. Phone No. (include area code)

(435)-781-7024

9. API Well No.

4304736670

4. Location of Well (Report locations clearly and in accordance with Federal requirements)\*

At surface

SESW 660'FSL, 1983'FWL

10. Field and Pool, or Exploratory

UNDESIGNATED

At top prod. interval reported below

11. Sec., T., R., M., or Block and  
Survey or Area SEC 14, T11S, R21E

12. County or Parish

UINTAH

13. State

UTAH

At total depth

17. Elevations (DF, RKB, RT, GL)\*

5772'GL

14. Date Spudded

07/02/06

15. Date T.D. Reached

08/07/06

16. Date Completed

08/28/06

☐ D & A ☒ Ready to Prod.

18. Total Depth: MD 8570'  
TVD

19. Plug Back T.D.: MD 8527'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL-CCL-GR

22. Was well cored? ☒ No ☐ Yes (Submit copy)

Was DST run? ☒ No ☐ Yes (Submit copy)

Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14"	36.7#		40'		28 SX			
12 1/4"	9 5/8"	32.3#		2290'		975 SX			
7 7/8"	4 1/2"	11.6#		8570'		1557 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	7310'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5548'	6234'	5548'-6234'	0.35	57	OPEN
B) MESAVERDE	7157'	8096'	7157'-8096'	0.35	111	OPEN
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
5548'-6234'	PMP 2251 BBLS YF118ST & 287,427# 20/40 SD
7157'-8096'	PMP 2703 BBLS YF118ST, 120ST & 304,827# 20/40 SD

OCT 11 2006

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/28/06	08/29/06	24	→	0	1,703	200			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 973#	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
19/64	SI	1368#	→	0	1703	200			PRODUCING GAS WELL

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/28/06	08/29/06	24	→	0	1703	200			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 973#	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
19/64	SI	1368#	→	0	1703	200			PRODUCING GAS WELL

(See instructions and spaces for additional data on reverse side)



## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
WASATCH MESAVARDE	3862' 6454'	6454'			

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)      2. Geologic Report      3. DST Report      4. Directional Survey  
5. Sundry Notice for plugging and cement verification      5. Core Analysis      7. Other:

## 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature

Date 9/28/2006

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

**RECEIVED**

**NOV - 2 2006**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR McGEE OIL AND GAS ONSHORE LP

**BLM VERNAL, UTAH**

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

435-781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SESW SEC 14-T11S-R21E

660' FSL 1983' FWL

5. Lease Serial No.

UTU-8344-A

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NATURAL BUTTES

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LOVE 1121-14N

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4304736670

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>APD EXTENSION</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	BLM
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE BUREAU OF LAND MANAGEMENT ON NOVEMBER 8, 2005.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RAMEY HOOPES

Title

REGULATORY CLERK

Signature

*Ramey Hoopes*

Date

November 1, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

*Mark Baker*

Petroleum Engineer

Title

Date

NOV 13 2006

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

**RECEIVED**

**DEC 01 2006**

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DIV. OF OIL, GAS & MINING

(Instructions on reverse)

**UDOGM**





**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304736670  
**Well Name:** LOVE 1121-14N  
**Location:** SESW SEC 14-T11S-R21E  
**Company Permit Issued to:** KERR MCGEE OIL AND GAS ONSHORE LP  
**Date Original Permit Issued:** 11/8/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Ramey Hooper  
Signature

11/1/2006

Date

Title: Regulatory Clerk

Representing: Kerr McGee Oil and Gas Onshore LP



# **CONDITIONS OF APPROVAL**

## **Kerr McGee Oil & Gas Onshore.**

### **Notice of Intent APD Extension**

**Lease:** UTU-8344-A  
**Well:** Love 1121-14N  
**Location:** SESW Sec 14-T11S-R21E

An extension for the referenced APD is granted with the following conditions:

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1. The extension and APD shall expire on 11/08/07
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SESW SECTION 14, T11S, R21E 660'FSL, 1983'FWL**

5. Lease Serial No.

**UTU-8344-A**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**LOVE 1121-14N**

9. API Well No.

**4304736670**

10. Field and Pool, or Exploratory Area

**UNDESIGNATED**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>MAINTENANCE</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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07/11/2007: MIRU SPOT EQUIP BLOW WELL DN CONTROL TBG W/15 BBLS 2% KCL LUBRICATE HANGER OUT OF HOLE POOH SB W/226 JTS 2 3/8" J-55 TBG LD 5 JTS HEAVY BLACK SCALE OD & ID W/TOP HALF POBS ON BOTTOM CONTROLLED WELL W/60 BBLS PU RIH W/3 7/8" MILL W/X-OVER 226 JTS 2 3/8" EOT @7142'. BLED DN PRESSURE PMP 10 BBLS 2% DN TBG FOR WELL CONTROL FINISH RIH TAG SCALE @7917' RU PMP 1 BBL 2% 20 GAL SOLVENT W/1/2 BUFFER 4 BBLS 31 1/2% ACID 1/2 BBLS 2% MIXED W/5 GALS SCALE INHITOR 1 1/2 BBLS 2% FOR FLUSH RU PWR SWVL AND FOAMER EST CIRC IN 2 HRS CO 10' TO 7927' FELL FREE RIH TAG FILL @8160' CO 240' SAND TO 8400' STOP CIRC WELL CLEAN PMP 15 BBLS TBG KILL RD LD 33 JTS ON TRAILER. FU POOH ABOVE PERF EOT @5512'. BLED DN PRESS PMP 15 BBLS 2% DN TBG FOR WELL CONTROL FINISH POOH W/TBG AND 3 7/8" MILL PU PROFILE NIPPLE W/1.781 ID RIH W/226 JTS SWAN LUB 1.781 ID TBG BROACH RIH TAG FL @4000' FU RIH TAG PROFILE NIPPLE 7377' POOH W/SD LINE ND BOPS TURN WELL OVER TO PRODUCTION RDMO.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**SHEILA UPCHEGO**

Signature

Title

**SENIOR LAND ADMIN SPECIALIST**

Date

**September 12, 2007**

**RECEIVED**

**SEP 25 2007**

**DIV. OF OIL, GAS & MINING**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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